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5 November 1958

THRU :

Evaluation of USSR Production of Important Minerals 1957

1. In response to your request for an evaluation of statistics on USSR production in 1957 published in the October 27th issue of the Chemical and Engineering News, we submit the attached comparison.

2. Approximately one-third of the data for the USSR agrees with ORR estimates. However, over half of the data differs from ORR estimates by anywhere from 10% to more than 100%.

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Estimates of USSR Production of Important Minerals  
1957

	Bureau of Mines Estimate	Metric Tons ORR Estimate
<b>Fuels</b>		
Coal <sup>1</sup>	463,000,000	a
Coke	48,600,000	a
Petroleum (crude)	98,300,000	a
Peat	54,100,000	a
<b>Ferrous and ferroalloy ores and metals</b>		
Iron ore (marketable)	84,200,000	a
Pig iron	37,000,000	a
Steel	51,000,000	a
Chromite <sup>2</sup>	600,000	870,000
Manganese ore <sup>2</sup>	4,960,000	a
Tungsten ore (60% WO <sub>3</sub> basis) <sup>2</sup>	7,500	9,200
<b>Nonferrous base metals</b>		
Nickel (content of ores)	50,000	54,000
Copper, smelter	120,000	444,000
Lead, smelter	290,000	277,000
Zinc, smelter	350,000	293,000
Tin, smelter	13,200	15,000
Cadmium	475	a
<b>Light metals</b>		
Bauxite	1,250,000	3,000,000
Aluminum	505,000	554,100
Magnesium	55,000	24,000
<b>Nonmetallics<sup>2</sup></b>		
Asbestos	450,000	800,000
Barite	100,000	NA
Fluorspar	150,000	133-154,000
Graphite	45,000	NA
Gypsum <sup>2</sup>	3,000,000	NA
Phosphate rock <sup>2</sup>		
apatite	4,000,000	3,600,000
sedimentary	1,750,000	1,600,000
Potash (K <sub>2</sub> O equivalent) <sup>2</sup>	943,500	1,100,000
Salt <sup>2</sup>	6,500,000	NA
Cement	29,000,000	a
<b>Precious metals 2,3</b>		
Gold	10,000,000	5,000,000
Silver	25,000,000	NA
Platinum	125,000	a

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1. About one third lignite and one seventh anthracite.
  2. Bureau of Mines Estimate.
  3. Troy ounces.
- a. Bureau of Mines estimate agrees with ORR estimate.

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